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U. S. DEPARTMENT OF AGRICULTURE, BUREAU OF ANIMAL INDUSTRY.

A. D. MELVIN, CHIEF OF BUREAU.

SERVICE AND REGULATORY ANNOUNCEMENTS.

NOVEMBER, 1915.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

- 2-X. Armour & Co., 219 Summer Street, Worcester, Mass.
 *1001. Old Home Farm Products Co. (Inc.), Richland Center, Wis.
 825. Steck & Steck (Inc.), Tuckahoe, N. Y.
 115. Jacob Lusch, 119 Fillmore Street, Riverside, N. J.
 *1006. Nathan Cohen, Brighton Abattoir, Brighton, Mass.
 *1003. Interstate Vaccine Co., 58 Greystone Heights (Mail: Substation 2, Kansas City,
 Mo.), Kansas City, Kans.
 *779. Watertown Packing Co., Watertown, S. Dak.

Meat Inspection Discontinued.

192-A. Krey Packing Co., Russell and De Kalb Streets, St. Louis, Mo.

1-Q. Morris & Co., 124 South Jefferson Street, Spokane, Wash.

2-AG. Armour & Co., Greenville, Miss.

879-A. Chamberlain & Co. (Inc.), 33-35 John Street (Mail: 113 Clinton Street), Boston, Mass.

155. Noel & Co. (Inc.), Tenth and Jo Johnston Streets, Nashville, Tenn.

*957. American Serum Co., 210 Central Avenue, Kansas City, Kansas.

Changes in Firm Names.

556. Walker Properties Association, 401-411 West Fourth Street (Mail: 301 West Fourth Street), Austin, Tex., instead of Walker Properties Association, owner of the T. B. Walker Mfg. Co. Properties.

989. Henry S. Schafer, 450 Line Street, Easton, Pa., instead of H. H. Genther Co.

Stations Added.

Richland Center, Wis., meat inspection, Dr. Lineus H. Allen, care Old Home Farm Products Co.

Woodworth, Wis., inspection of plants manufacturing viruses, serums, toxins, etc.,

Dr. James C. Murphy, care United States Standard Serum Co.

Riverside, New Jersey (substation of Philadelphia, Pa.).

Tuckahoe, New York (substation of New York, N. Y.).

Watertown, S. Dak., meat inspection, Dr. R. G. Rice, care Watertown Packing Co.

Station Discontinued.

Greenville, Miss. (substation of Natchez, Miss.).

Changes of Officials in Charge.

Crawfordsville, Ind., Dr. James McDonald instead of Dr. R. N. Mead.

Austin, Minn., Dr. E. W. Barthold instead of Dr. Joshua Miller.

Sioux Falls, S. Dak., Dr. E. S. Dickey instead of Dr. Chester Miller.

Fort Wayne, Ind., Dr. Joshua Miller instead of Dr. E. W. Barthold.

Duluth, Minn., Dr. Chester Miller for Dr. E. S. Dickey.

Changes in Addresses of Officials in Charge.

Dr. J. T. Dolan, 3009 Q Street, instead of 1009 G Street, Lincoln, Nebr.

Dr. L. B. Vermillion, 214 Summit Avenue, Waterloo, Iowa, instead of P. O. box 247, Mason City, Iowa. (Waterloo is now the parent station and Mason City the substation.)

Note.

Meat inspection has been extended at establishment 328 to include The A. Löffler Sausage and Provision Co., and at establishment 968 to include B. S. Pearsall & Co.

NOTICES REGARDING MEAT INSPECTION.**INSPECTION OF CATTLE AND CALF LUNGS.**

All cattle and calf lungs intended for food purposes shall be inspected to determine whether foreign matter is present in the air passages. The main bronchi and branches should be slit by employees of the establishment as required by the inspector, and if the inspector finds that ingesta or other objectionable foreign matter has entered these passages the lungs shall be condemned.

* Conducts slaughtering.

MEANS FOR PREVENTING CONTAMINATION OF BEEF CARCASSES, PARTS, AND VISCERA.

In order to avoid contamination of beef carcasses, parts, and viscera by contents of the alimentary canal and bladder it is necessary to prevent such contents from escaping during the processes of dressing the carcass and handling the organs. Various methods may be followed, but it is necessary to close by ligating, or other means, all openings of the organs through which the contents might escape.

The urethra should be ligated while the carcass is on the half hoist.

The control of the contents of the stomach and intestines may be secured by ligating or otherwise closing the esophagus and the duodenum and closing all incisions and breaks in these organs. In ligating the duodenum a portion of the intestine should be separated from its attachments and two ligatures applied about 6 inches apart after this portion of the tube has been freed of contents by stripping between the fingers. The duodenum is then severed between the two tied-off portions.

It is not practicable to follow the same detail of procedure at all establishments. This is particularly true respecting the control of the flow from the esophagus. Inspectors in charge of meat inspection will, therefore, confer with the management of each cattle-slaughtering establishment and promptly require a method of procedure which will be effective in preventing contamination.

OLEO STOCK SHOULD NOT COME IN CONTACT WITH ARMS OR HANDS OF WORKMEN.

Attention is directed to the item in Service and Regulatory Announcements for August, 1915, page 95, entitled, "Precautions Necessary to Prevent Contamination of Meat and Products by Perspiration." Immediate action should be taken to avoid the possible contamination of oleo stock by contact with the arms or hands of workmen. Inspectors in charge will confer with the managements of official establishments at which oleomargarin is prepared and require that mechanical means be promptly installed for agitating oleo stock and placing it in press cloths.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, OCTOBER, 1915.

City.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago.....	209,079	22,744	317,063	9,405	433,129
Fort Worth.....	19,915	8,233	7,788	1,720	55,593
Kansas City.....	102,904	11,276	92,257	2,600	166,173
National Stock Yards.....	63,073	6,967	19,175	5,303	90,943
Sioux City.....	18,937	1,021	27,605	50	40,025
South Omaha.....	69,203	2,385	174,773	484	57,166
South St. Joseph.....	23,869	2,508	28,010	1,540	85,588
All other establishments.....	229,169	92,927	449,331	2,108	1,565,214
Total, October, 1915.....	736,149	148,061	1,116,002	23,210	2,493,831
October, 1914.....	743,686	135,009	1,330,530	33,312	2,681,851
January-October, 1915.....	5,770,465	1,551,817	10,038,659	111,418	29,200,616
January-October, 1914.....	5,416,368	1,470,472	11,950,417	133,622	25,214,113

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during October, 1915, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	32,091	8	38,804	248
Canada.....	65,668	26	31,947	1
Great Britain.....	134			
Total, October, 1915.....	97,893	34	70,751	249
October, 1914.....	80,619	11,950	12,918	10,464
January-October, 1915.....	465,913	56,582	194,932	96,139
January-October, 1914.....	633,145	150,442	148,022	167,401

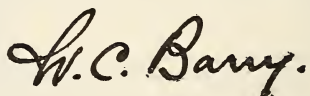
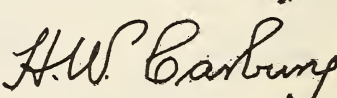
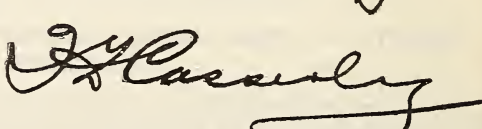
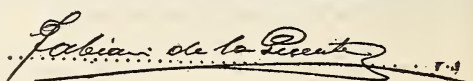
Imports of meats and meat food products.

Country of export.	Fresh and refrigerated.		Canned and cured meats.	Other products.	Total.
	Beef.	Other.			
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Argentina.....	5,529,671	514,320	70,638	12,008	6,126,637
Australia.....					
Canada.....	1,619,522	877,756	525,730	54,559	3,077,567
Mexico.....	1,044,740				1,044,740
New Zealand.....					
Uruguay.....					
Other countries.....	282,817		15,822	33,018	331,657
Total: October, 1915.....	8,476,750	1,392,076	612,190	99,585	10,580,601
October, 1914.....	11,516,378	2,033,620	2,916,062	490,884	16,956,944
January-October, 1915.....	105,080,406	13,225,032	4,081,923	1,605,132	123,992,493
January-October, 1914.....	213,026,510	32,193,793	27,186,626	5,545,370	277,952,209

Condemned in October, 1915: Beef, 46,637 pounds; pork, 65 pounds; total, 46,702 pounds. Refused entry: Pork, 1,000 pounds.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign national government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country, name and address.	Signature.
<i>New Zealand.</i>	
W. C. Barry, Christchurch, Canterbury.....	
H. W. Carbury, Wellington.....	
<i>Panama.</i>	
Dr. R. L. Casserly, Quarantine Station, Cristobal, Canal Zone.	
<i>Spain.</i>	
Fabián de la Puente, Gijon....	

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Added to List.

Dr. P. H. Johnson, Colville, Wash.
Dr. C. M. Morgan, Manchester, Iowa.

Change of Address.

Dr. S. J. Alcalay, from Buffalo, Minn., to Frazee, Minn.

Removed from List.

Dr. J. W. Scott, Manchester, Iowa.

CONVICTIONS FOR VIOLATIONS OF LAWS.

MEAT-INSPECTION LAW.

The following-named defendants were fined the amounts indicated, for violation of the meat-inspection law:

Gus Schroeder and Hans Schroeder, Rock Island, Ill., \$50 and costs, each.
Willam H. Effalandt, Moline, Ill., \$50 and costs.
John Junge, Moline, Ill., \$50 and costs.
O. M. Ohlsson, Moline, Ill., \$50 and costs.
Carl Naab, Rock Island, Ill., \$50 and costs.
John W. Tremann and Henry W. Tremann, Rock Island, Ill., \$50 and costs, each.
P. Bachman & Sons Co., Wheeling, W. Va., \$10.
Albert Holock, New Auburn, Wis., \$25.

QUARANTINE LAW.

The following results of prosecutions for violations of the live-stock quarantine law were reported to the bureau during the month of November, 1915:

Number cases.	Defendant.	Nature of violation.	Penalty.	
			Fine.	Costs.
1	Doss and Iser Guthrie.....	Shipments interstate in violation of Texas-fever regulations.	\$100.00	And half costs.
1	N. G. Fort.....	.....do.....	100.00	\$24.02.
1	Louisville & Nashville R. R.....	.....do.....	100.00	And costs.
1	Illinois Central R. R. Co.....	.....do.....	100.00	Do.
1	Southern Ry. Co.....	.....do.....	100.00	\$11.30.
3	Chicago, Rock Island & Gulf Ry. Co.....	.....do.....	300.00	And costs.
3	Chicago, Rock Island & Pacific Ry. Co.....	.....do.....	300.00	Do.
1	Illinois Central R. R. Co.....	Shipments interstate in violation of regulations regarding shipment of dead animals.	100.00	Do.
1	Cleveland, Cincinnati, Chicago & St. Louis Ry. Co.....	.....do.....	100.00	Do.
1	O. J. Nolen.....	Shipments interstate in violation of tuberculosis regulations.	250.00	
1	E. A. Chapman.....	Shipments interstate in violation of foot-and-mouth regulations.	400.00	
1	Albert Mann.....	.....do.....	150.00	
3	Minneapolis & St. Louis R. R. Co.....	.....do.....	300.00	Do.
Total (19 cases).....			2,400.00	\$35.32.

TWENTY-EGHT-HOUR LAW.

The following results of prosecutions for violations of the 28-hour law were reported to the bureau during the month of November, 1915:

No. cases.	Defendant.	Penalty.	
		Fine.	Costs.
1	Sioux City Terminal R. R. Co.....	\$100.00	And costs.
5	Chicago, Burlington & Quincy R. R. Co.....	500.00	\$19.85
2	Chicago, Milwaukee & St. Paul Ry. Co.....	200.00	And costs.
2	St. Louis Merchants Bridge Terminal Ry.....	200.00	And costs.
2	Terminal Railroad Association of St. Louis.....	200.00	And costs.
1	Illinois Central R. R. Co.....	100.00	And costs.
1	Southern Pacific Co.....	250.00	.....
1	Philadelphia & Reading Ry. Co.....	100.00	And costs.
1	Cleveland, Cincinnati, Chicago & St. Louis Ry. Co.....	100.00	\$13.51
	Total (16 cases).....	1,750.00	33.36

SUBSTANCES PERMITTED FOR OFFICIAL DIPPING OF CATTLE AND SHEEP.

The use of the following-named substance is permitted by the department in the official dipping of cattle and sheep for scabies:

"*Eckman's Lime-Sulphur Solution*," a lime-and-sulphur dip, manufactured by the Eckman Chemical Co., Omaha, Nebr. Dilution permitted, 1 gallon to not more than 15 gallons of water for cattle, and 1 gallon to not more than 20 $\frac{1}{4}$ gallons of water for sheep.

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS.

The following action has been taken with regard to licenses for the manufacture of veterinary biological products, under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 196):

License Issued.

License No. 50, issued October 26, 1915, to United States Standard Serum Co., Woodworth, Wis. (Offices, 840 Exchange Avenue, Union Stock Yards, Chicago, Ill.), anti-hog-cholera serum.

License Revoked.

License No. 92, dated July 6, 1915, to Great Western Serum Co., 829 Exchange Avenue, Chicago, Ill., revoked October 23, 1915.

Changes.

License No. 55, to International Laboratories, 65 Irving Place, New York, N. Y.; leucocytic extract added to list of products.

License No. 67, to The Hevner Serum Co., Shelton, Nebr., canceled November 10, 1915, and reissued on the same date to Shelton Serum Co., Shelton, Nebr., for anti-hog-cholera serum and hog-cholera virus.

License No. 90, to The Sunflower Serum Co., 320-322 North First Street, Kansas City, Kans., canceled October 2, 1915, and reissued on the same date to the Ford Serum Co., same address, for anti-hog-cholera serum and hog-cholera virus.

License No. 108 to Stock Yards Serum Co. of Illinois, First Street and St. Clair Avenue, East St. Louis, Ill., canceled October 16, 1915, and reissued on the same date to The Universal Serum Co., same address, for anti-hog-cholera serum and hog-cholera virus.

HEMORRHAGIC SEPTICEMIA SPECIMENS DESIRED.

The Pathological Division at Washington is desirous of obtaining for comparative study a number of specimens of tissues from animals affected with hemorrhagic septicemia. Bureau inspectors engaged in yard work are therefore requested to collect affected glands and also sections of heart, kidney, and spleen from animals suspected of being affected with hemorrhagic septicemia, and to pack them in powdered borax and ship them to the Chief of the Bureau of Animal Industry, Pathological Division, Department of Agriculture, Washington, D. C.

LEAVE WITHOUT PAY.

Hereafter it will be necessary to state on applications for leave of absence without pay, whether for one day or longer, the reasons therefor, in accordance with the provisions of paragraph 86 of the administrative regulations. Applications should be submitted in advance, as far as possible, in order that action may be taken by the chief clerk of the department and the applicants notified before leave is taken. Officials and employees should familiarize themselves with the leave regulations.

ADVERTISING MATTER NOT ALLOWED IN GOVERNMENT OFFICES.

The Treasury Department has called attention to one of its regulations governing the maintenance of buildings which prohibits the display of advertising matter of any description, and states that reports of inspectors indicate that this regulation is not being strictly complied with, especially as regards the display of calendars bearing advertising matter.

All bureau offices and laboratories, both in and outside of Washington, are directed to see that the practice of displaying advertising calendars, etc., is stopped. However, calendars furnished by commercial firms may be used provided the advertising features are cut off or effectively obliterated.

PUBLICATIONS IN NOVEMBER.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to inspectors in charge for distribution to members of their forces. The number of copies varies with the subject or nature of the publication and the number and class of employees. For example, in the case of a publication on a veterinary subject, sufficient copies are sent for the veterinarians. Inspectors in charge will use their judgment and distribute publications to best advantage. Additional copies will be furnished on request so far as possible.]

Department Bulletin 260. The Dog as a Carrier of Parasites and Disease. By Maurice C. Hall, assistant zoologist, Zoological Division. Pp. 27, figs. 14.

Department Bulletin 313. Features of the Sheep Industries of United States, New Zealand, and Australia Compared. By F. R. Marshall, senior animal husbandman in sheep and goat investigations, Animal Husbandry Division. Pp. 35, pls. 8.

Instructions for Employees Engaged in Eradicating Foot-and-Mouth Disease. Pp. 24.

Amendment 2 to B. A. I. Order 211. Regulations Governing the Meat Inspection of the United States Department of Agriculture. (Amends regulations 8, 10, 15, 17, 18, and 25.)

Amendment 35 to B. A. I. Order 238. To Prevent the Spread of Foot-and-Mouth Disease in Cattle, Sheep, Other Ruminants, and Swine. (Modifies the quarantined area in Illinois and Massachusetts, and releases from quarantine the State of New York.)

Amendment 36 to B. A. I. Order 238. (Modifies the quarantine relating to the State of Illinois.)

Amendment 37 to B. A. I. Order 238. (Modifies the quarantine relating to the State of Illinois.)

Amendment 38 to B. A. I. Order 238. (Releases from quarantine the States of Massachusetts and New Jersey, and modifies the quarantine relating to the State of Illinois.)

B. A. I. Order 241. To Prevent the Spread of Splenetic, Southern, or Texas Fever of Cattle. (Defines the area quarantined for the prevention of the spread of Texas fever in cattle, and in effect releases certain areas in Alabama, Arkansas, Louisiana, Mississippi, North Carolina, and Virginia.)

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Chief Clerk: CHARLES C. CARROLL.

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